EZ755

Indoor Color 3-Axis 630TVL IR Dome Camera

Get incredible performance in bright light or in no light and the resolution listed in the specs from the actual camera you install. To take full advantage of the amazing resolution available from this advanced imaging technology, the EverFocus Ultra Series EZ755 uses a varifocal lens together with a Sony Exview HAD II 960H CCD to produce in excess of 720 horizontal TV lines of resolution from each and every Ultra Series 720+ camera we deliver. Combined with a useable native low light sensitivity of 0.05 lux without using digital slow shutter and 10 Hi Power 'smart' IR LEDs with a range of 230 feet/70m or more, this camera truly provides color without compromise: over 720TVL resolution, Digital Wide Dynamic Range for clear color images in the most challenging of bright or unbalanced scene lighting conditions, plus true day/night IR enhanced images in zero light with guaranteed ZERO ghosting. The EZ755 offers flexible positioning for wall or ceiling mounting in an IP67 weather proof, vandal resistant bullet housing with built in heater to operate down to -40°; varifocal 5~50mm DC iris lens for easily adjustable field of view, with reflection preventing dual section cover glass; dual voltage operation and a full suite of OSD Menu and DSP functions controllable at the camera (DNR to save DVR HDD space, privacy masking, mirroring, and much more). This is the camera that you have been waiting for to create 'long reach' analog CCTV systems, that produce astounding image clarity in a wide range of indoor or outdoor applications at virtually any light level.

Features

- Ultra resolution of over 720 horizontal TV lines for astounding image quality
- Flexible positioning for convenient wall or ceiling mounting
- Varifocal 5~50mm DC iris lens to capture the desired field of view
- Equipped with 10 'smart' IR LEDs for 230 foot/70m range (depending on scene IR reflectivity)
- Reflection preventing dual section cover glass isolates IR emitters from lens to prevent image distortion
- Video test output point for convenient aim and focus during installation, and ease of service
- Cables protected from weather and tampering by the mounting base
- Built in heater extends operating range to -40 degrees
- IP67 weather proof
- Exview HAD II sensor delivers amazing ultra high sensitivity of .05 lux - low light sensitivity without DSS low light boost before IR illumination - Zero Ghosting guaranteed
- Adaptive Tone Curve Reproduction (ATR)/Digital Wide Dynamic Range expansion to deliver properly exposed images despite unbalanced lighting in the scene
- Color without compromise: your choice of full motion color or true day/night images in zero ambient light without ghosting
- Back light compensation (BLC) and Highlight Compensation (HLC)
- Adjustable 2D-Noise Reduction increases picture clarity while improving DVR disk storage utilization
- Easy to use OSD setup menu
- Privacy mask function for 4 configurable zones
- Dual voltage (12VDC/24VAC) with Anti Color Roll for stability even without line lock

Imaging Device	1/3" Sony Exview HAD II 960H High Sensitivity Interline CCD
Video Format	NTSC –or- PAL (separate models)
Picture Elements	NTSC: 1020(H)x508(V) PAL:1020(H)x596(V)
Effective Picture Elements	NTSC: 976(H) x 494(V) PAL:976(H) x 582(V)
Horizontal Resolution	More than 720 TVL from production cameras
Sensitivity	0 lux with IR on .05 lux native from sensor – no ghosting
IR LEDs	10 'smart' LEDs with output at 850nm
IR Range	to 230 feet (depending on scene IR reflectivity)
IR Switch Points	On at ~1 lux; Off at ~3 lux
S/N Ratio	Over 50dB (AGC off)
Video Output	BNC 1.0V p-p 75Ω; video test point inside dome, cable supplied
Gamma Correction	0.45
Lens Type	Varifocal 5~50mm DC Iris Type
Positioning	Flexible positioning for wall or ceiling mounting
Day/Night	True D/N with motorized IR cut filter; Choose Color, B/W, Auto
Back Light Compensation	OFF/BLC/HSBLC Selectable
Auto Gain Control	Low light auto, Bright light auto, Manual selectable
Electronic Shutter	1/60 ~1/100,000 sec.
White Balance	ATW/One Push/User1/User2/Anti-Crawl/Manul/Push Lock
Sync. Mode	Internal (plus Anti-Chroma Crawl White Balance option above)
OSD Menu	Multiple functions
OSD Languages	English, Spanish, Portuguese, German, Russian, Japanese, Chinese, French
2D-DNR	On/Off (level adjustable)
Adaptive Tone Curve Reproduction/ Digital WDR (ATR)	On/Off (3 levels each adjustable for luminance and contrast)
Mirror	Off/On
Motion Detection	Off/On for 4 selectable zones (On screen indication on alarm)
Privacy Mask	Off/On for 4 selectable zones
Power Source	12VDC/24VAC
Heater	Built-n; thermostatically controlled
Power Consumption	DC 12V nominal 850mA; 1.1A IR and heater on
	AC 24V nominal 10W; 21W IR and heater on
Operating Temperature	-40°F~122°F ; -40°C~50°C
Storage Temperature	-40°F~140°F ; -40°C~60°C
Environmental	IP67 weather proof
Mechanical	Metal housing with sun shield; rear weather sealed rear access port for OSD menu and video test point
Dimensions	Body (across sunshield): 3.88" diameter/5.51" long w/ sunshield ; 10.65" in line, longest extension; in 90° position, ~9" long and ~5.5" high
Weight	2.75 pounds /1.25 kg.
Certifications	CE / FCC

Ordering Information

EZ755: Ultra 720+TVL, 12VDC/24VAC, VF 230' IR IP67 Bullet Camera, Black, with EWDR and DNR (NTSC)

Models vary in different countries. Visit www.everfocus.com and select your country for accurate ordering information and the most updated information. Product specifications are subject to change without notice.